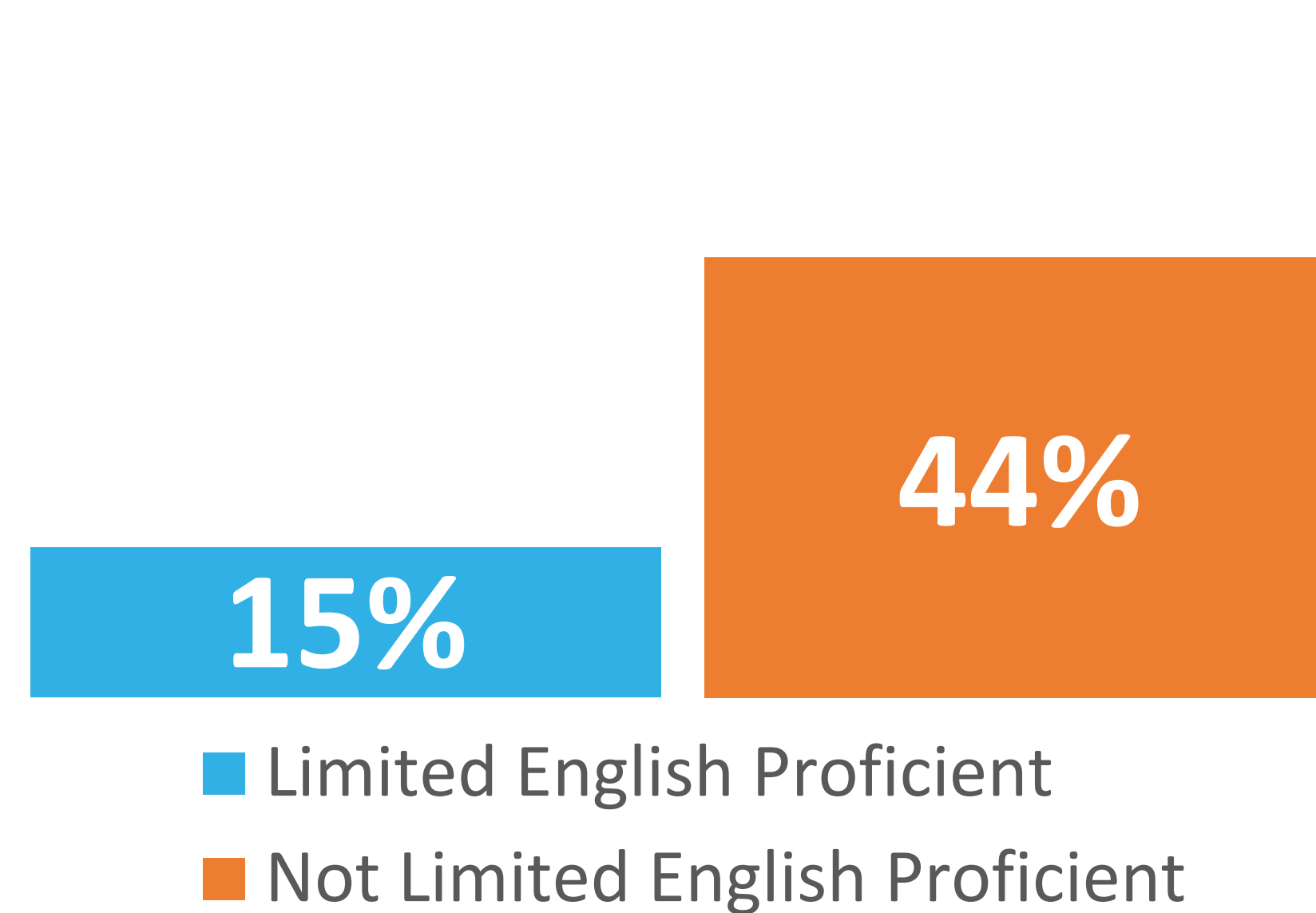


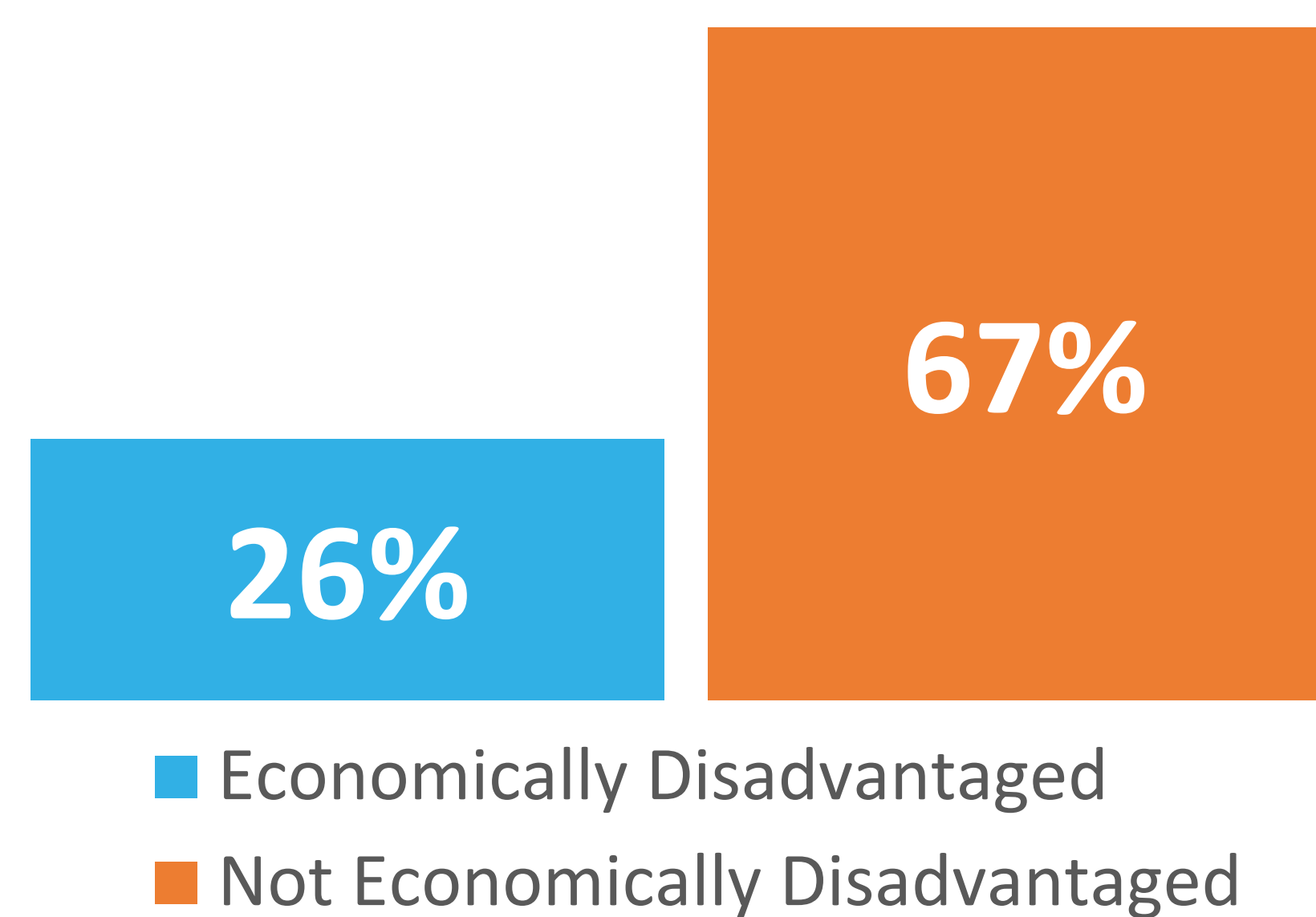
# Math Proficiency in 8<sup>th</sup> Grade

% Proficient & above on 8<sup>th</sup> Grade Math (GA Milestones **EOC + EOG**) – Five-County Region, Disaggregated by Subgroup

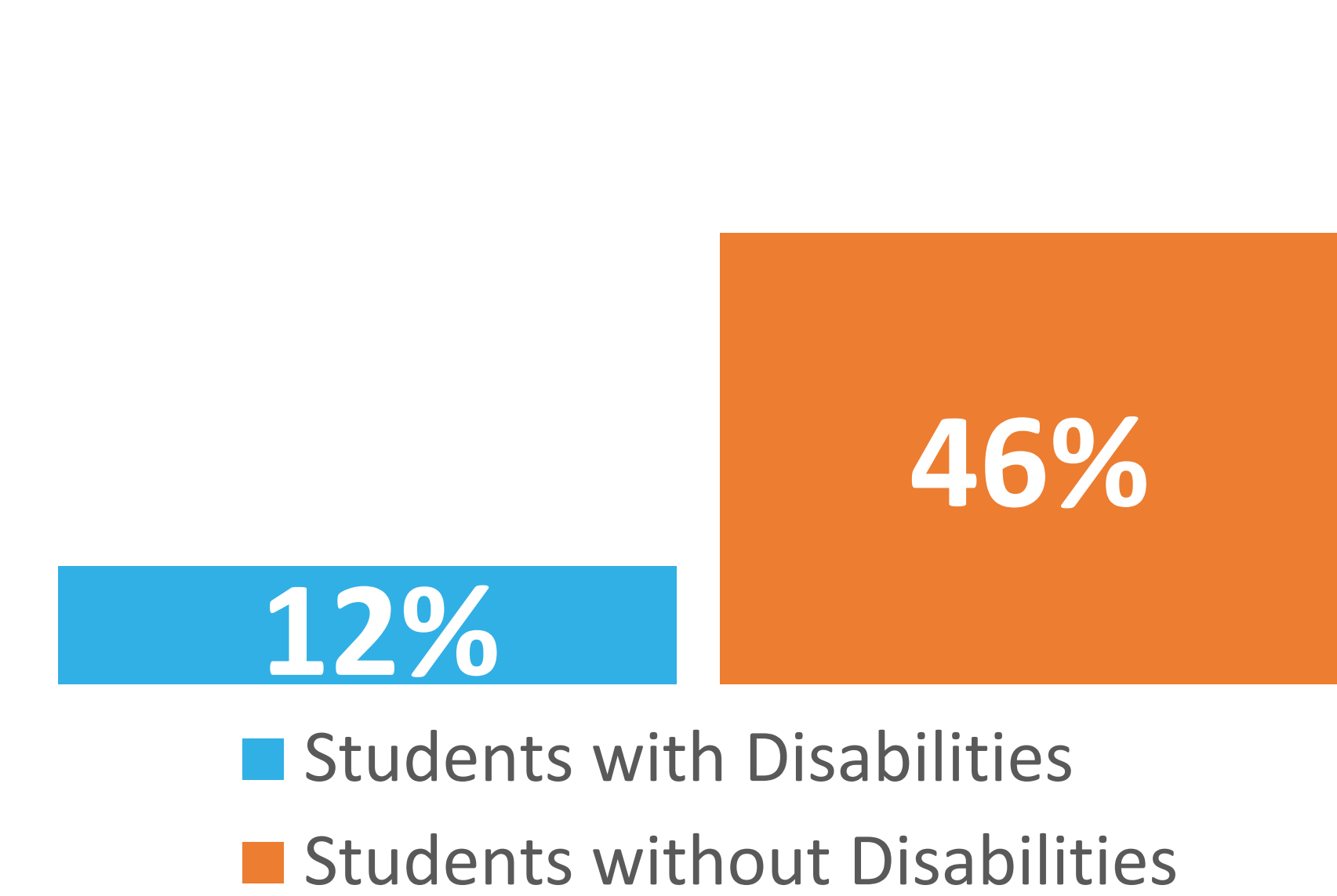
Limited English Proficient



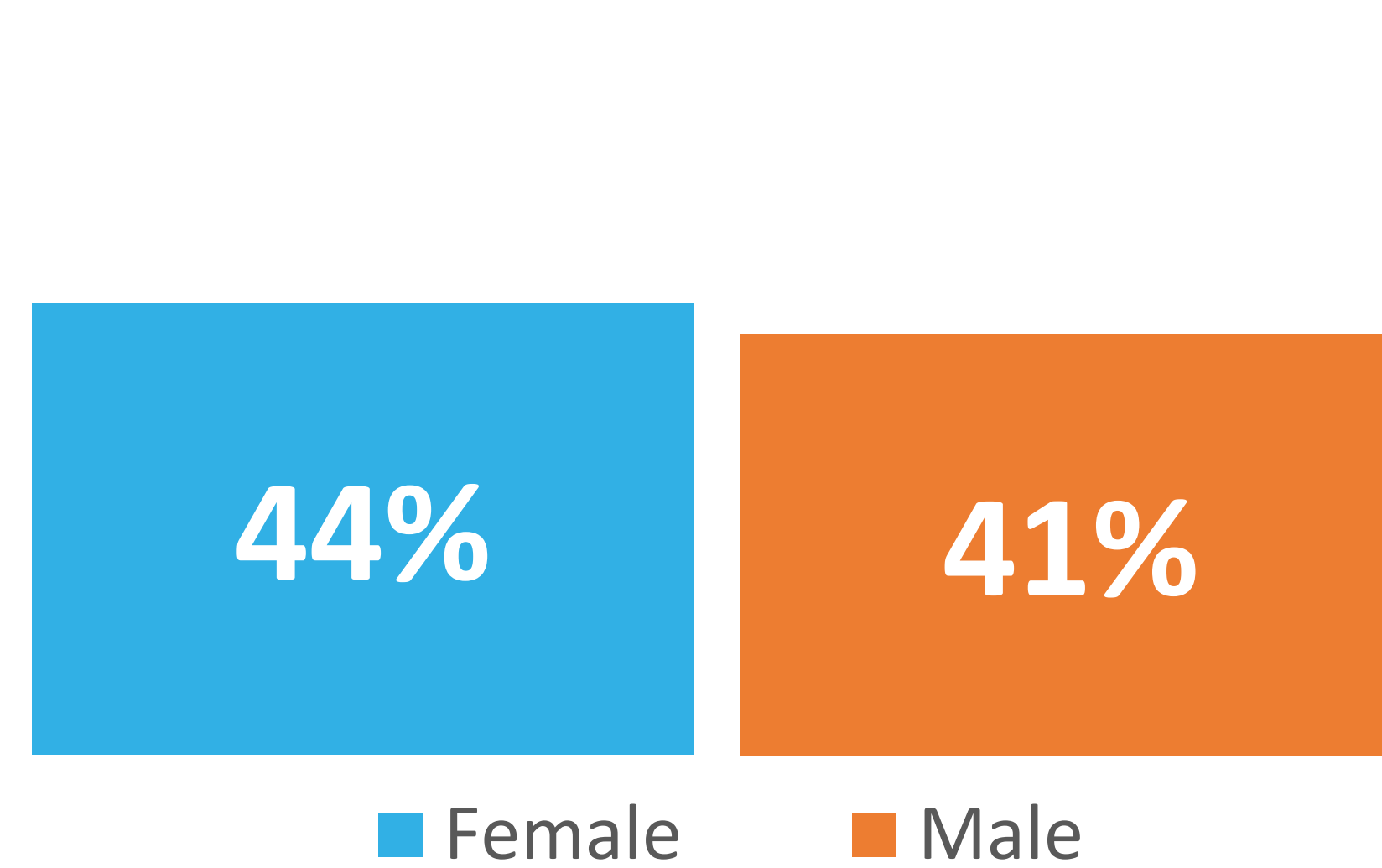
Poverty Status



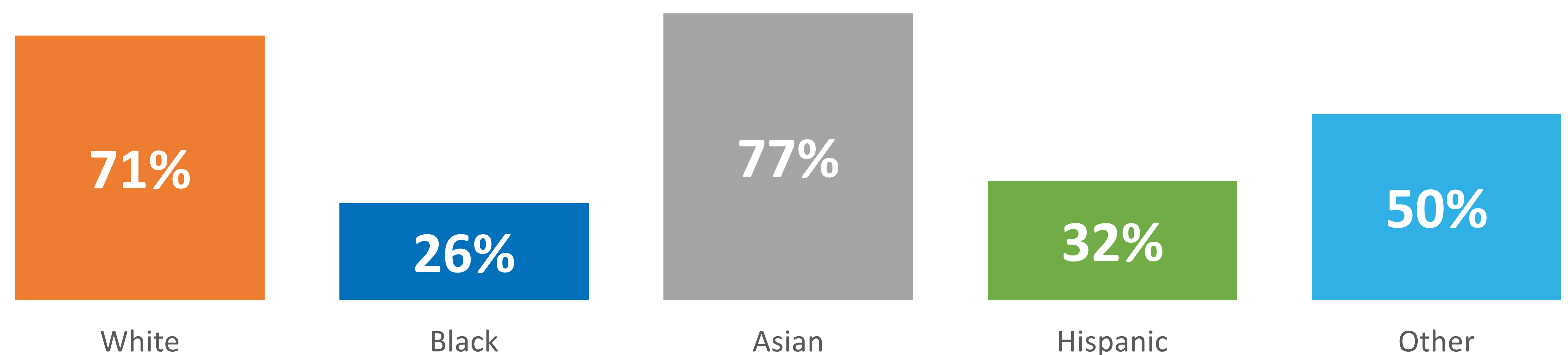
Students With Disabilities



Gender



Race & Ethnicity

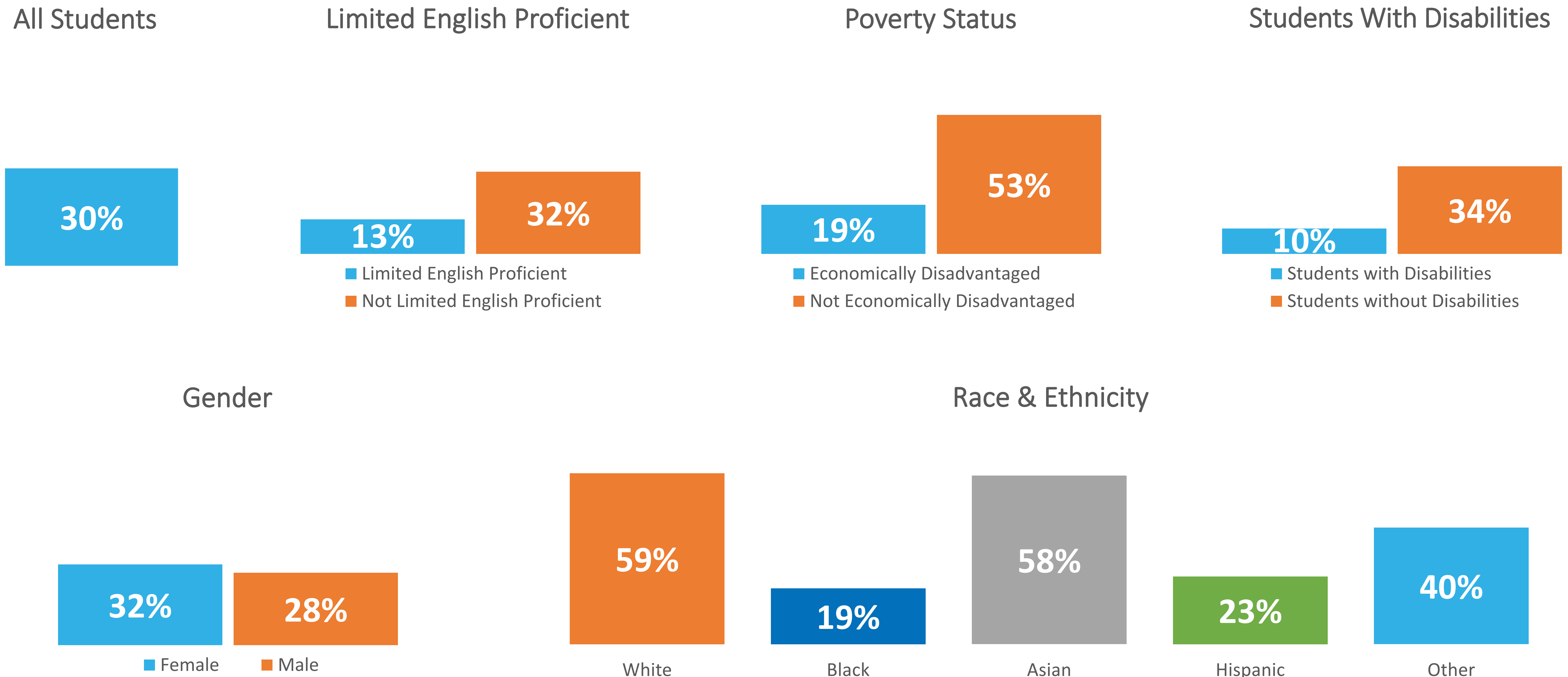


Source: The Governor's Office of Student Achievement (GOSA), 2016-2017 EOG & EOC Georgia Milestones Report

Note: In 2016, standards changed to allow 8<sup>th</sup> grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8<sup>th</sup> grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the Georgia Milestones 8<sup>th</sup> grade mathematics assessment (EOG Report) and the approved advanced mathematics course assessments (EOC Report) combined.

# Math Proficiency in 8<sup>th</sup> Grade

% Proficient & above on 8<sup>th</sup> Grade Math (GA Milestones **EOG ONLY**) –  
Five-County Region, Disaggregated by Subgroup

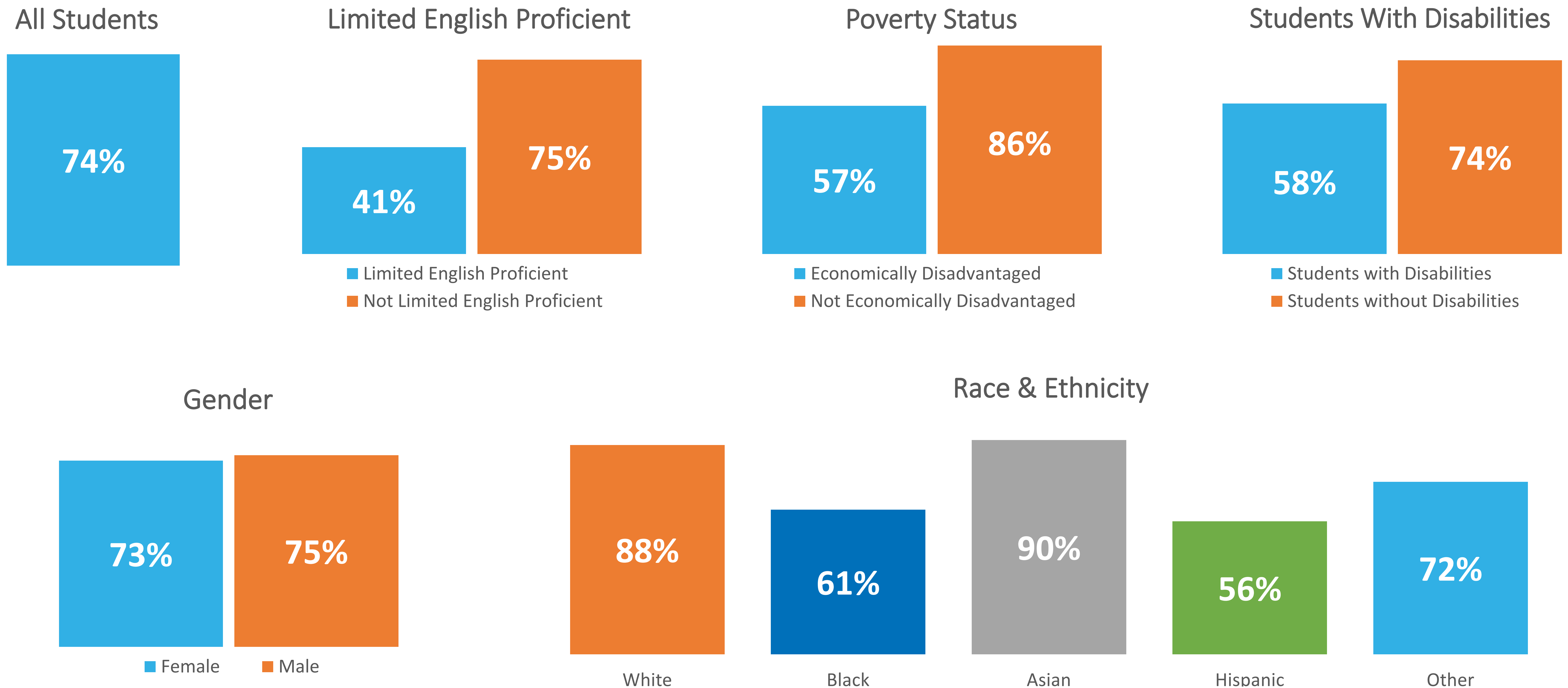


Source: The Governor's Office of Student Achievement (GOSA), 2016-2017 EOG Georgia Milestones Report

Note: In 2016, standards changed to allow 8th grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8th grade mathematics assessment. Proficiency values on this slide represent only the percent of students scoring proficient or above on the Georgia Milestones 8th grade mathematics assessment (EOG Report).

# Math Proficiency in 8<sup>th</sup> Grade

% Proficient & above on 8<sup>th</sup> Grade Math (GA Milestones **EOC ONLY**) –  
Five-County Region, Disaggregated by Subgroup



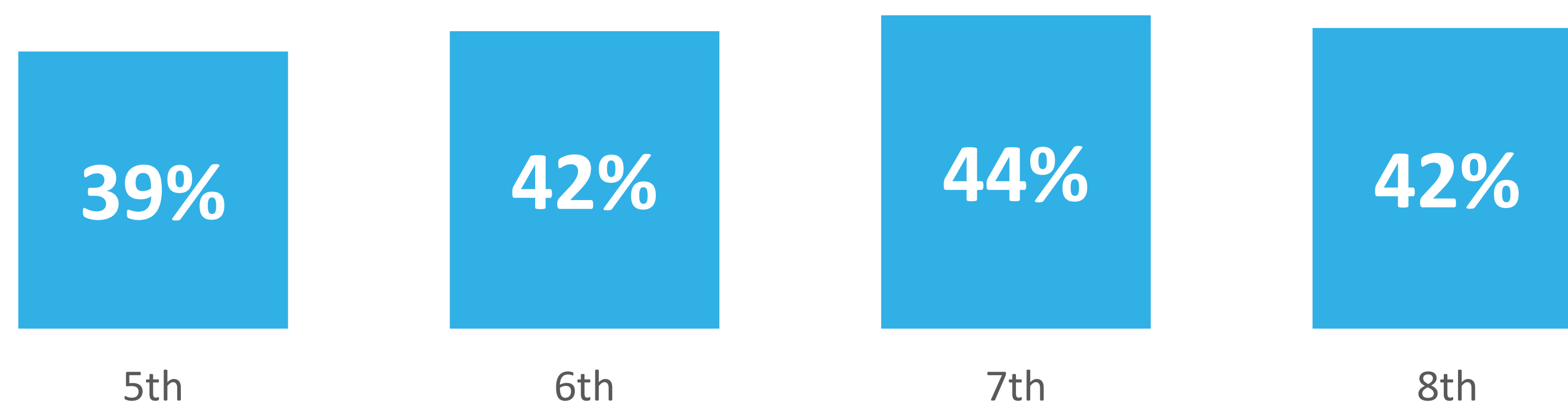
Source: The Governor's Office of Student Achievement (GOSA), 2016-2017 EOC Georgia Milestones Report

Note: In 2016, standards changed to allow 8th grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8th grade mathematics assessment. Proficiency values on this slide represent only the percent of students scoring proficient or above on the approved advanced course assessments (EOC Report).

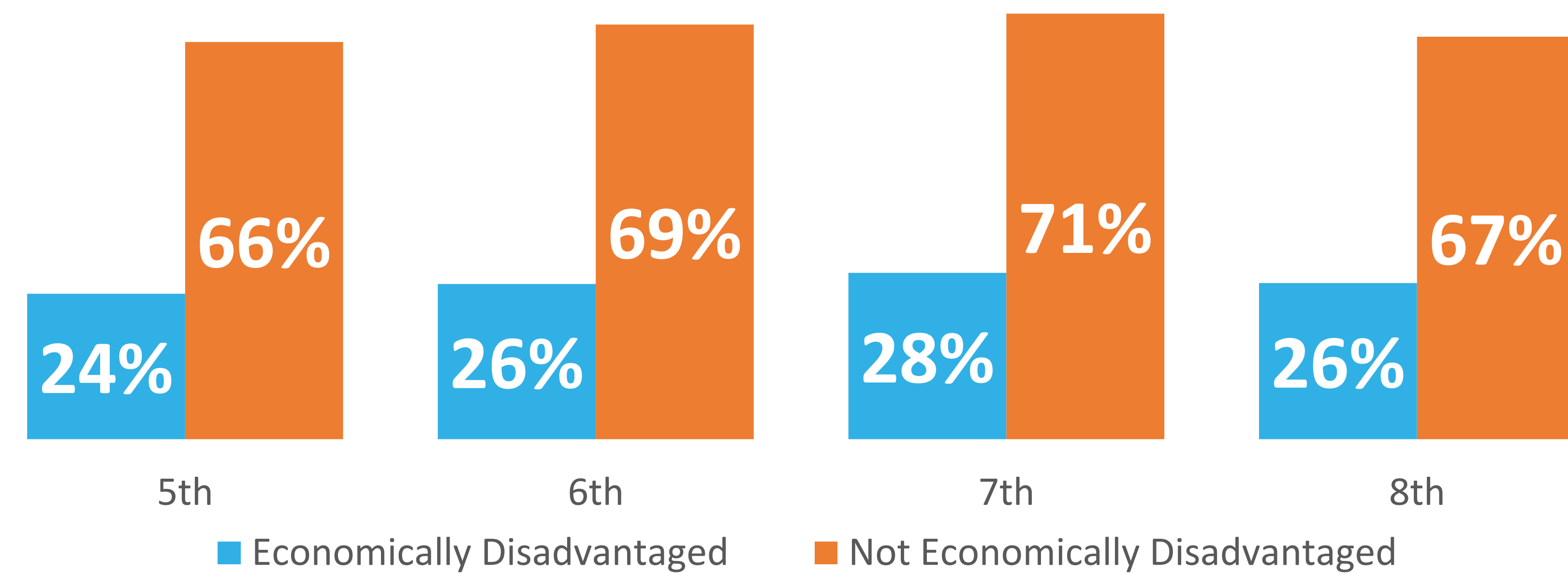
# Math Proficiency by Grade

*% Proficient & above on 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, & 8<sup>th</sup> Grade Math, GA Milestones Comparison – Five-County Region, Disaggregated by Subgroup*

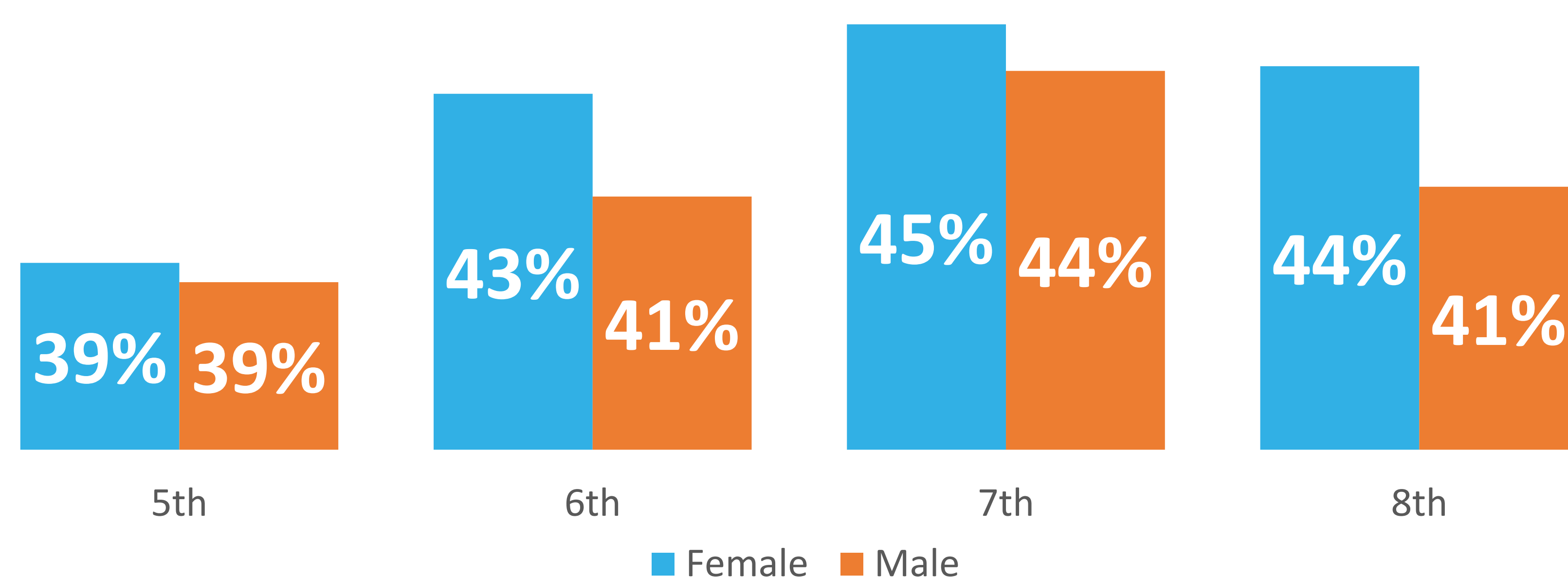
All Students



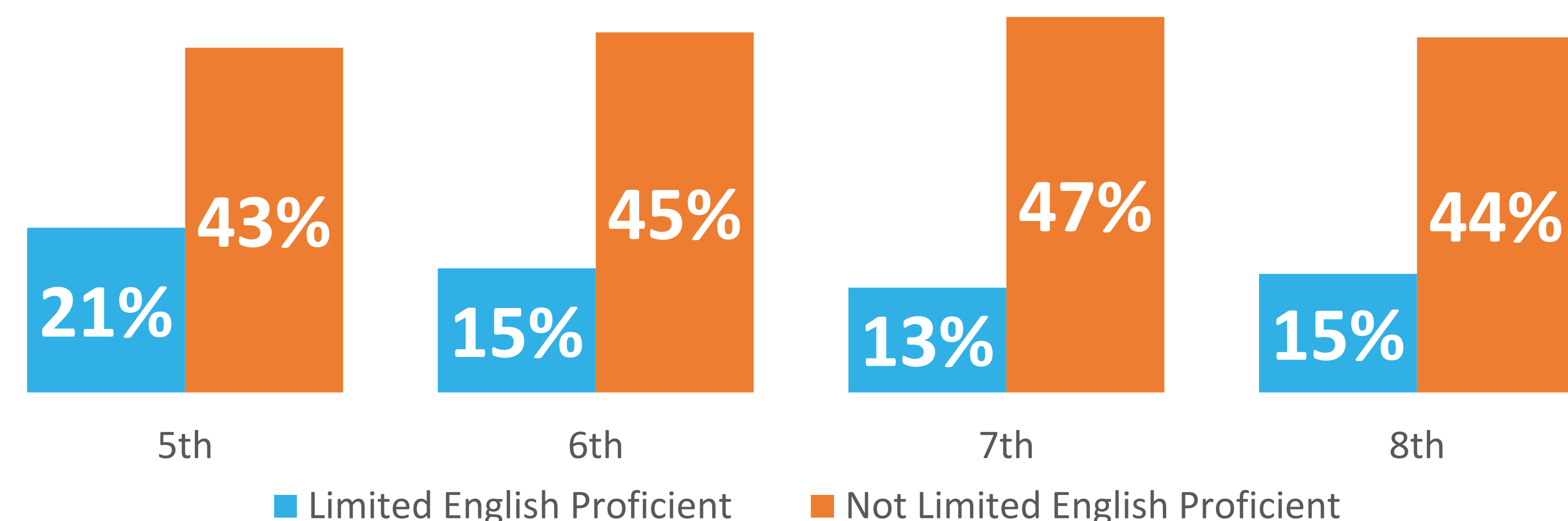
Poverty Status



Gender



Limited English Proficient

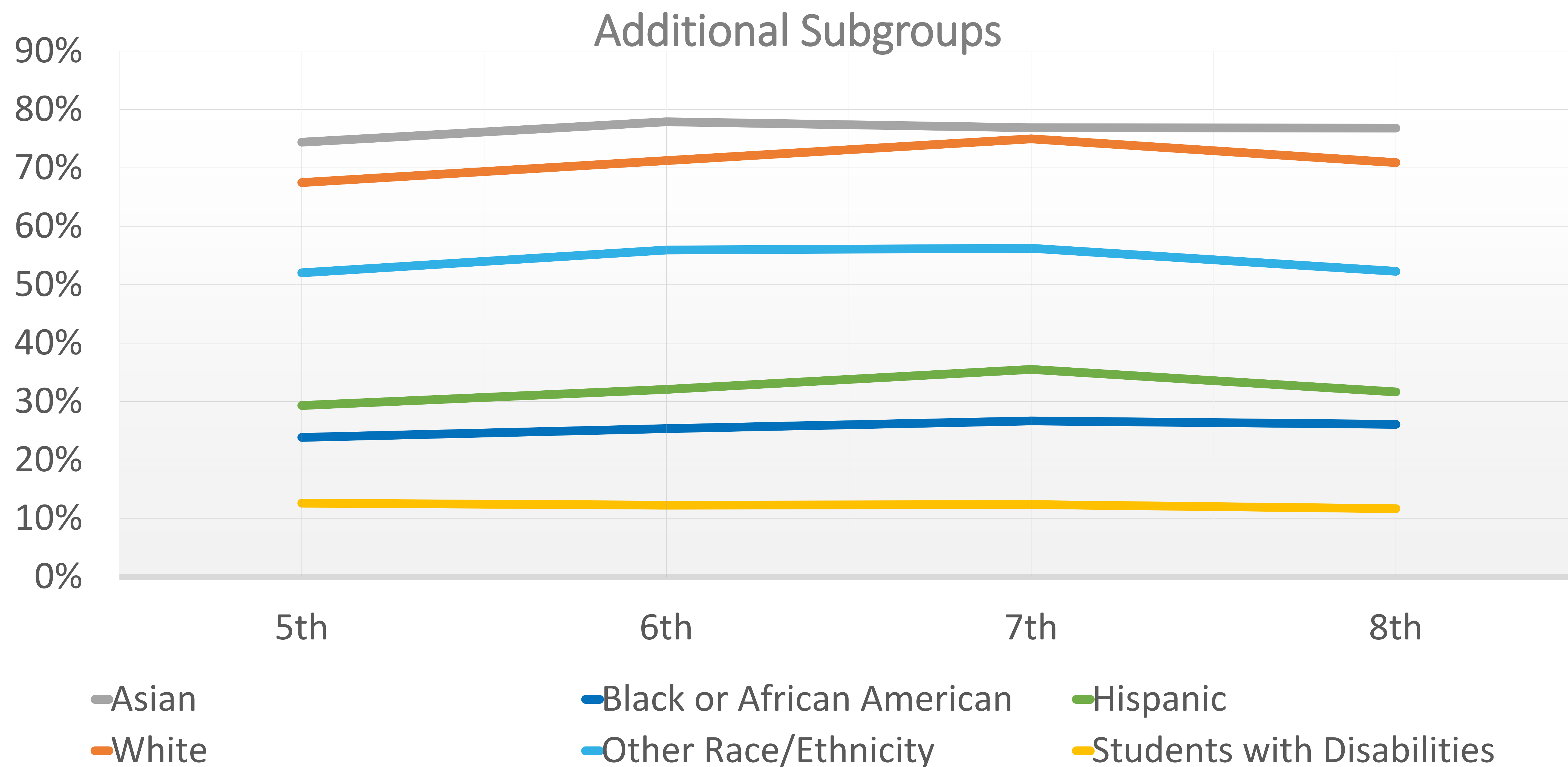


Source: The Governor's Office of Student Achievement (GOSA), 2016-2017 EOG & EOC Georgia Milestones Report

Note: In 2016, standards changed to allow 8<sup>th</sup> grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8<sup>th</sup> grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the Georgia Milestones 8<sup>th</sup> grade mathematics assessment (EOG Report) and the approved advanced mathematics course assessments (EOC Report) combined.

# Math Proficiency by Grade

*% Proficient & above on 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup>, & 8<sup>th</sup> Grade Math, GA Milestones Comparison – Five-County Region, Disaggregated by Subgroups*

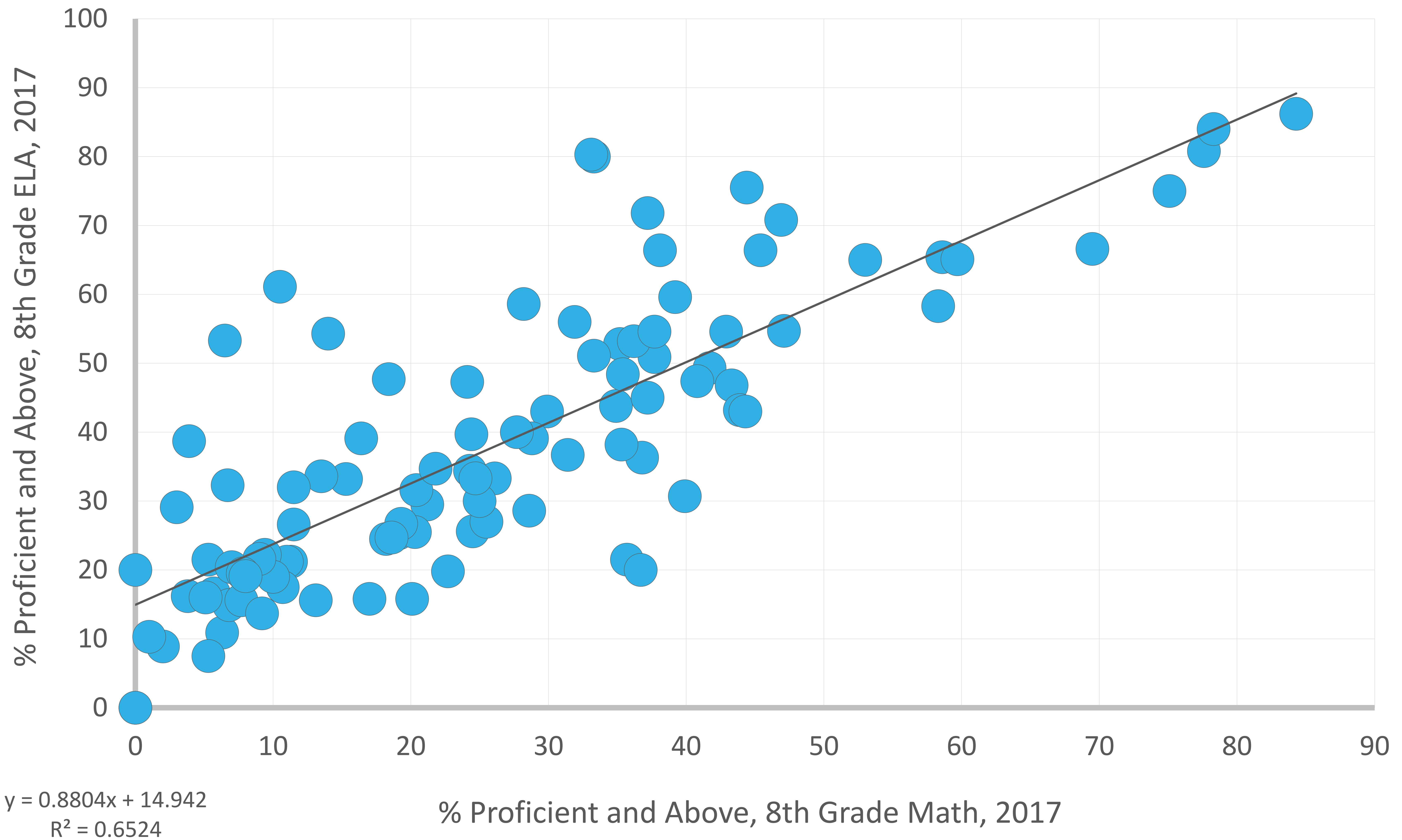


Source: The Governor's Office of Student Achievement (GOSA), 2016-2017 EOG & EOC Georgia Milestones Report

Note: In 2016, standards changed to allow 8<sup>th</sup> grade students to take advanced algebra and geometry course assessments to fulfill the Georgia Milestones 8<sup>th</sup> grade mathematics assessment. Proficiency values on this slide represent the percent of students scoring proficient or above on the Georgia Milestones 8<sup>th</sup> grade mathematics assessment (EOG Report) and the approved advanced mathematics course assessments (EOC Report) combined.

# Impact of Literacy

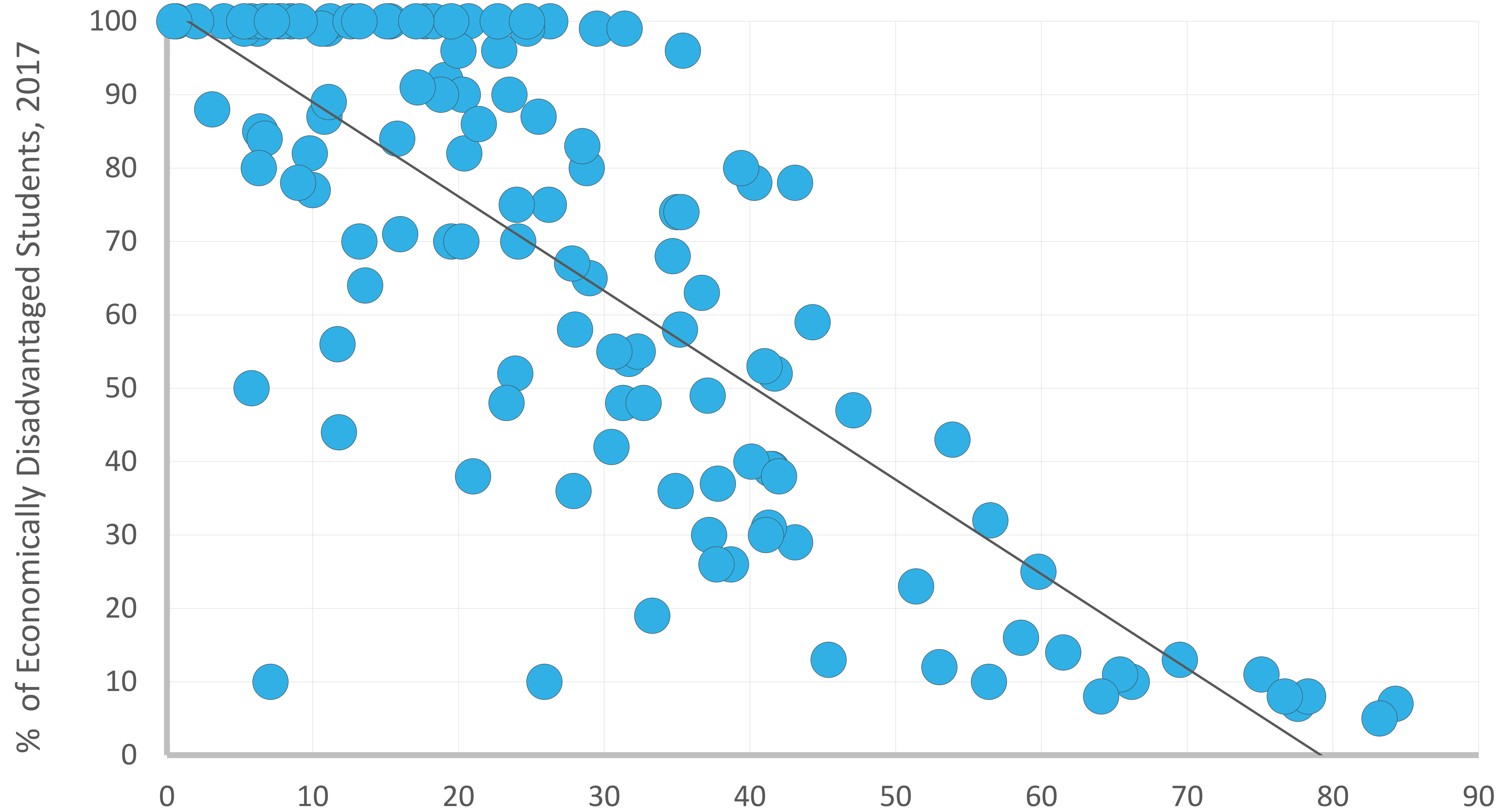
*Relationship Between 8<sup>th</sup> Grade ELA Proficiency and 8<sup>th</sup> Grade Math Proficiency*



Source: GOSA, 2016-2017 EOG Report via Neighborhood Nexus

# Impact of Socioeconomics

*Relationship Between Economic Disadvantage and 8<sup>th</sup> Grade Math*



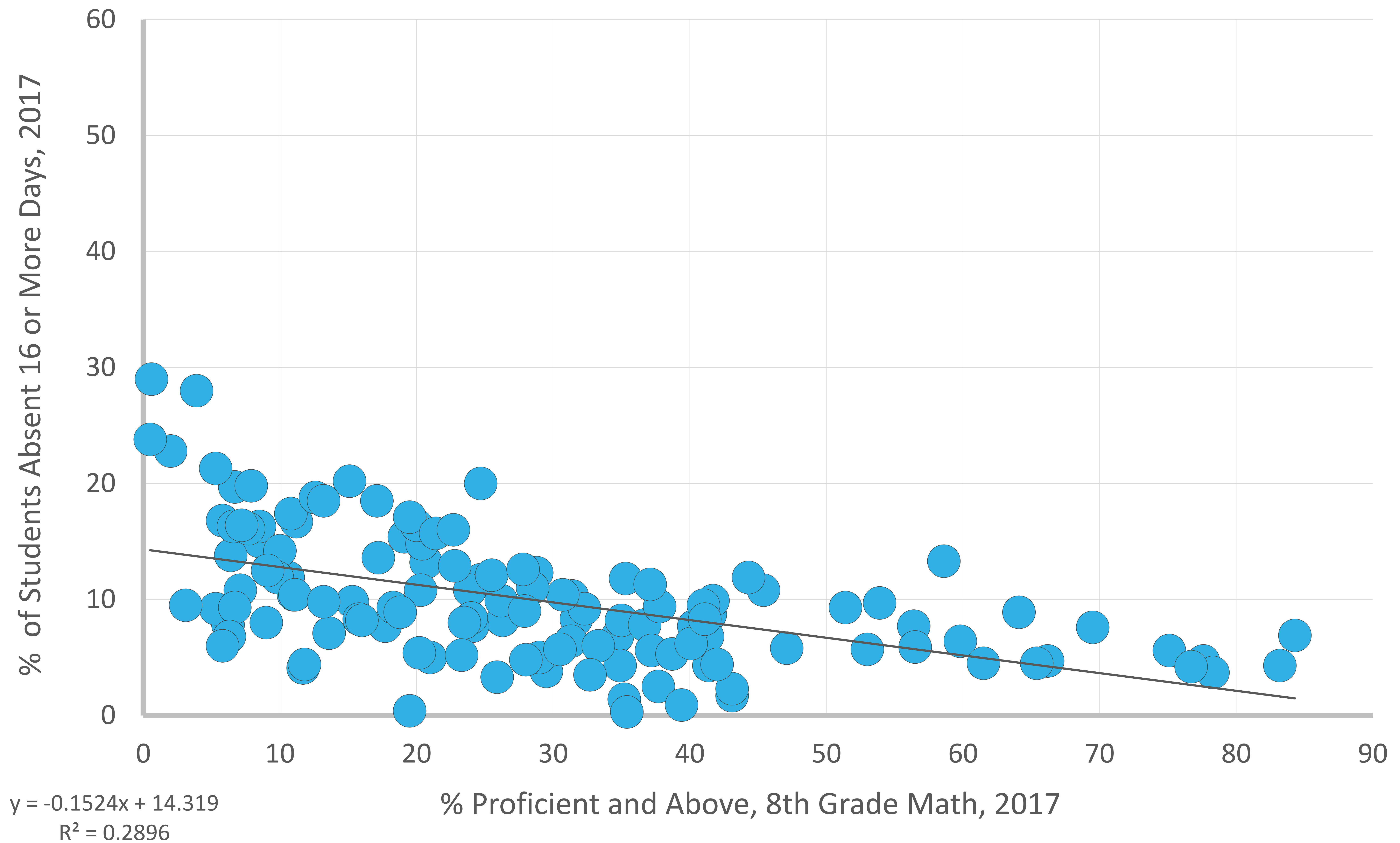
$$y = -1.2864x + 101.87$$
$$R^2 = 0.6263$$

% Proficient and Above, 8th Grade Math, 2017

Source: GOSA 2016-2017 EOG Report via Neighborhood Nexus

# Impact of Attendance

*Relationship Between Absenteeism and 8<sup>th</sup> Grade Math Proficiency*

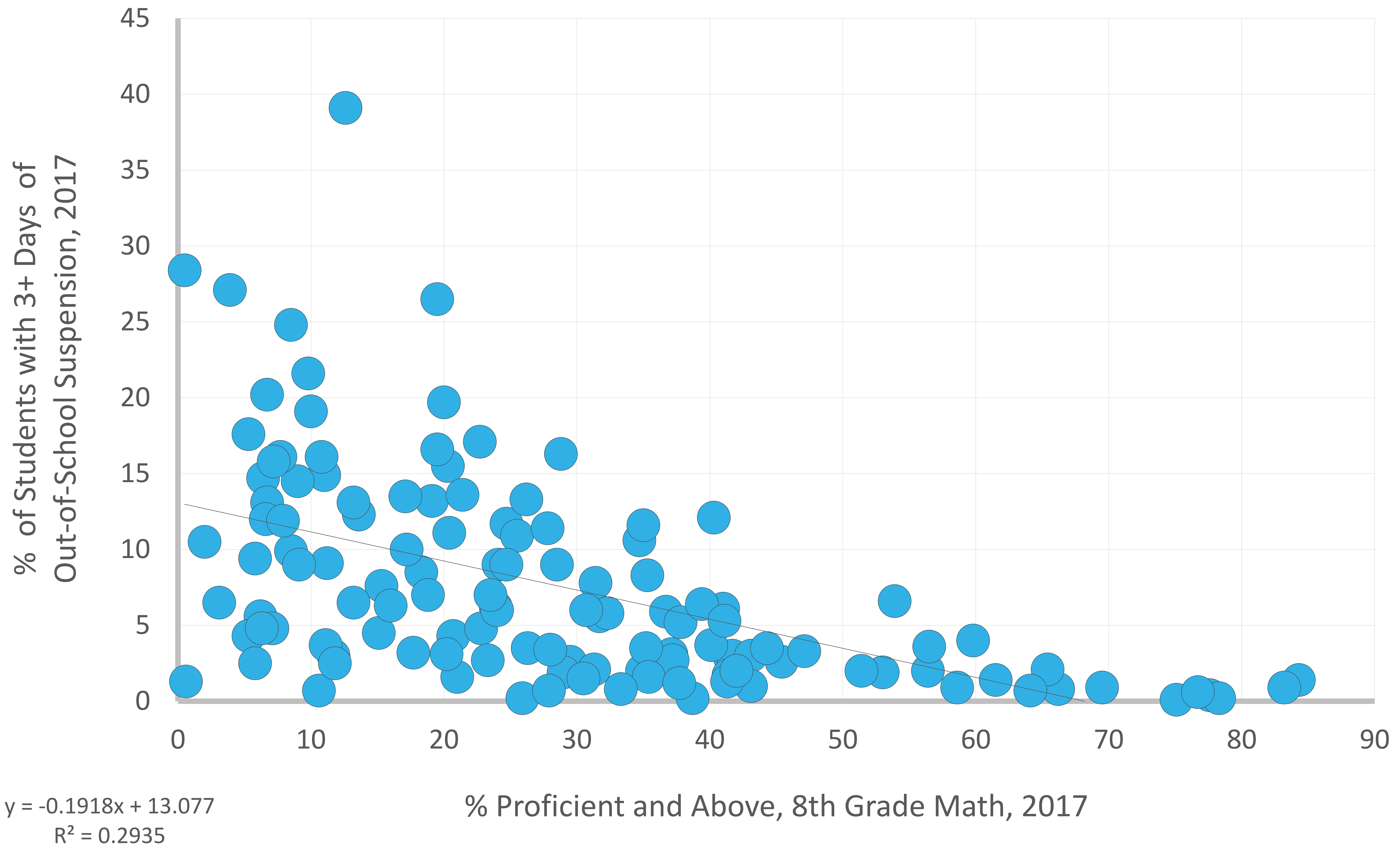


Source: GOSA 2016-2017 EOG Report via Neighborhood Nexus



# Impact of Out-of-School Suspensions

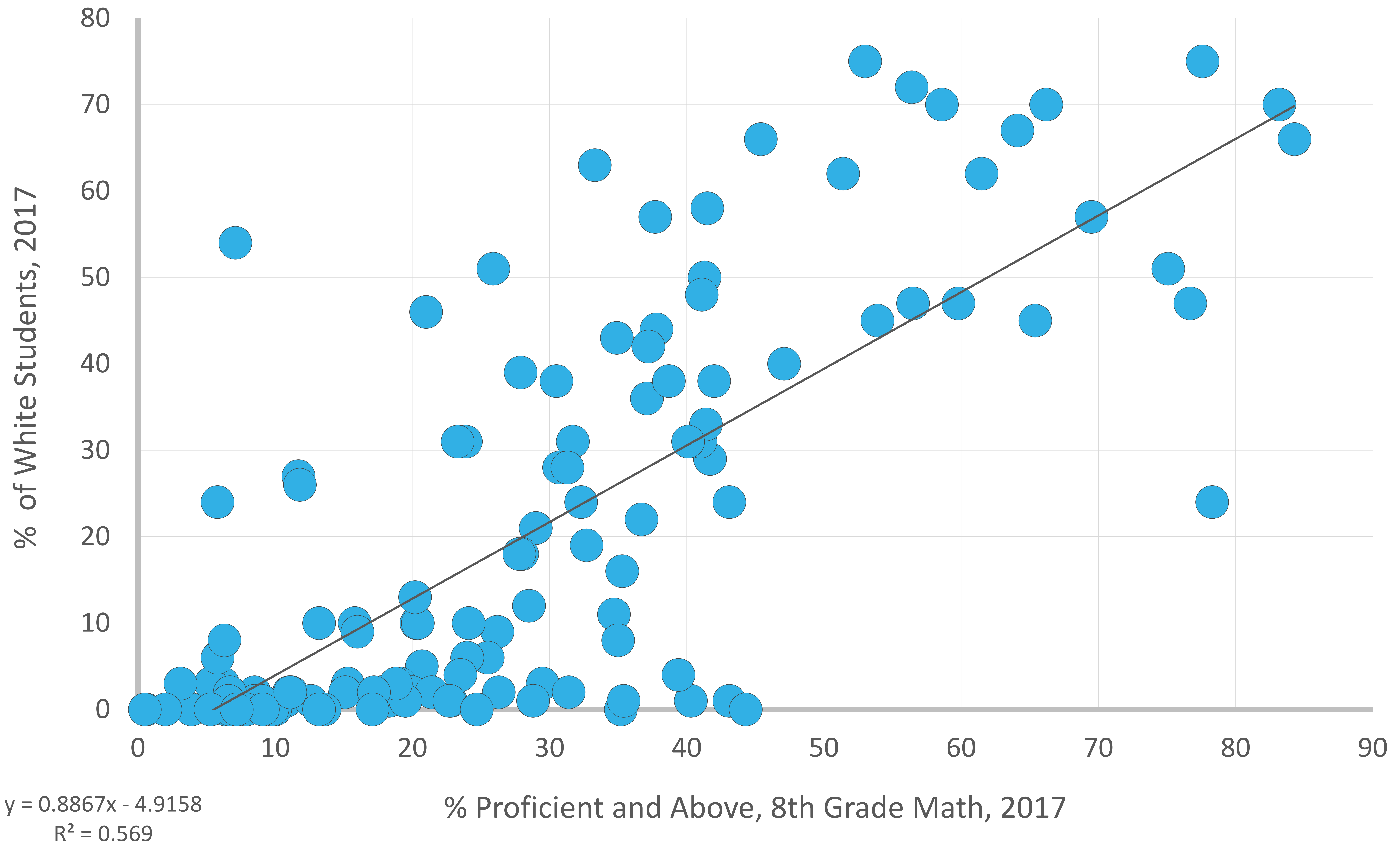
*Relationship Between Out-of-School Suspensions and 8<sup>th</sup> Grade Math*



Source: GOSA 2016-2017 EOG Report via Neighborhood Nexus

# Impact of Racial Concentration

*Relationship Between Racial Concentration\* and 8<sup>th</sup> Grade Math*

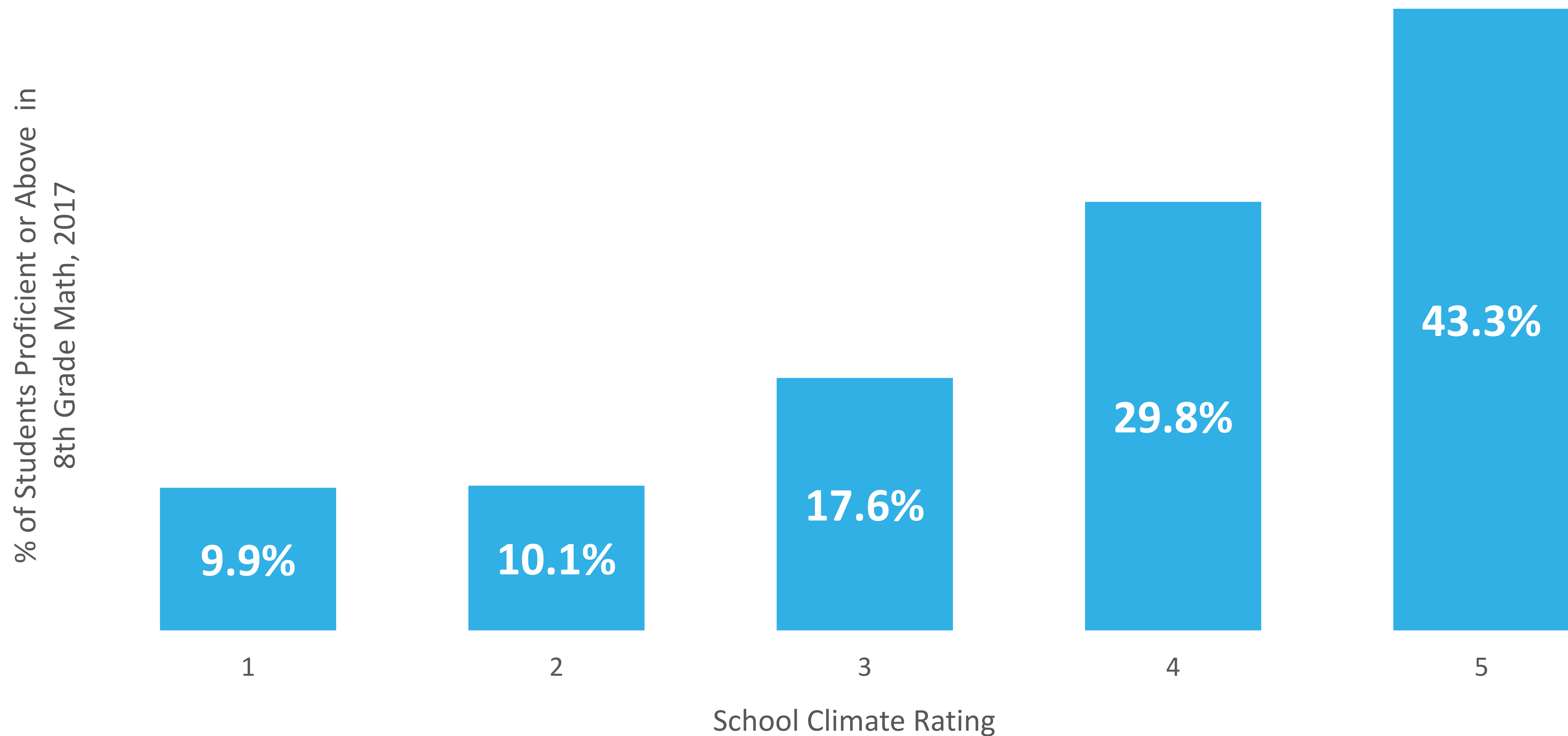


Source: GOSA 2016-2017 EOG Report via Neighborhood Nexus

\*Note: The percentage of white students is being used as a proxy to measure racial concentration. As the percentage of white students increases (i.e. the school is more racially concentrated), the % of students testing proficient and above also increases.

# Impact of School Climate

*School Climate Rating by 8<sup>th</sup> Grade Math Proficiency – Five-County Region*



Source: Georgia Department of Education (GA DOE), GOSA 2016-2017 EOG Report, analysis by Neighborhood Nexus